PEDIATRIC INFECTIOUS DISEASES

Location: LAC+USC Medical Center
Revised: 02/06/19

DIRECTOR: James Homans, MD
PHONE #: 323-409-2200

COORDINATOR: Rebecca Mulcahey
PHONE #: 323-409-5609
E-mail: rebeccat@usc.edu
Fax #: 323-226-5692

REPORT TO: Medical Village (OPD) 5TH floor, 5 West at 9:00 a.m.

PREREQUISITES: Pediatric Clerkship

DURATION: 4 weeks

DATES OFFERED: July - April

ROTATION START DATES: 7/1/19, 7/29/19, 8/26/19, 9/23/19, 10/21/19, 11/18/19, 12/16/19, 1/13/20, 2/10/20, 3/9/20 and 4/6/20

NUMBER OF STUDENTS: 2

VISITING STUDENTS: Yes

SUPERVISION:
100% Faculty (Frequently students will be on service with pediatric or medicine-pediatrics residents or infectious disease fellows who will provide guidance and teaching but supervision and evaluation will be the sole responsibility of the attending preceptor).

COURSE OBJECTIVES:
Students will be able to:
1. Discuss epidemiology, presentation, diagnosis, and management of common infectious diseases in children.
2. Discuss diagnosis and management of complex pediatric infections, those that complicate serious diseases of childhood, surgery and implanted hardware and devices.
3. Discuss current methods of diagnosing infectious diseases, including serology, culture, histology, and amplification methods.
4. Discuss current treatments of infectious diseases, including antibacterials, antifungals, antivirals, and antiparasitics, including mechanism, clinical use and cost.
5. Discuss the benefits, risks and consequences of appropriate and inappropriate antimicrobial use in individual patients, the healthcare setting and the community.
6. Discuss the current methods for prevention and control of infectious diseases and the role of the pediatrician, to include immunizations, infection control, and public health measures.
7. Discuss epidemiology, mechanisms and implications of antimicrobial resistance and methods of limiting it including antimicrobial stewardship.
8. Discuss new developments and research in Infectious Disease, including the critical evaluation of research studies.

DESCRIPTION:
A series of formal and informal lectures/discussions will be held on infectious disease topics. The student will be expected to read appropriate sections of Infectious Disease textbooks, Pediatrics textbooks, the Red Book, and pertinent medical literature both regarding disease processes of particular patients and general topics. Most materials will be available through the Norris Medical Library website to which all USC students have access and to which visiting students can obtain access. While preceptors may assign particular readings, students will be expected to study independently depending on their needs and interests. Useful, reputable internet sites including Entrez Pubmed and Up to Date, will also be used when appropriate. The student will evaluate patients in Infectious Disease and Pediatric HIV clinics and will perform consultations on hospitalized children. He/she will present one or several 15-30 minute discussions on pertinent topics of his/her choice as approved by the preceptor. The student will attend scheduled conferences including Pediatric Grand Rounds, Pediatric Problem Rounds, Infectious Disease Case Conference, Infectious Disease Grand Rounds, Microbiology Rounds and as well as other conferences at the discretion of the preceptor.

EVALUATION:
Evaluation of the knowledge, skills, and performance of the participants will be on the basis of work performance, formal rounds, and presentations. No formal written or oral tests are given. Student’s performance is assessed by the faculty preceptor and will be based on effort, knowledge, proficiency, progress and behavior.

*Selective Attendance and Illness Policy*

In order to insure adequate clinical exposure, no more than 3 days of excused absences (to include official Holidays) can be accepted during a selective. This policy does not imply that absences are guaranteed; absences may be excused at the discretion of the faculty. Absence due to illness must be reported to the faculty or his/her designee as soon as possible. In case of extended absence (2 days or more), a note from a physician (who is not a relative) is required and the absence will be reported to the Office of Student Affairs. A physician note may be requested for any absence, at the discretion of the faculty.

Students will generally be required to make up days before a passing grade can be assigned. All absences must be excused and any planned absence must be registered with the preceptor prior to the first day of the selective. Students should take vacation time if he/she anticipates a need for more than 3 absences during a selective. USMLE and BLS/ACLS will not be considered excused absences.